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(54) Title: PROCESS TO PREPARE ALKYL PHENYL PHOSPHATES

(57) Abstract: The present invention relates to a process wherein dichloromonophenyl phosphate and monochlorodiphenyl phosphate is reacted with an aliphatic alcohol, in the presence of a Lewis acid catalyst, in the absence of solvent, at a temperature of above 60 to 200° C, and at a pressure of 0.001 to 1.1 bara, provided that the reaction mixture is sparged with an inert carrier gas if the pressure is above 0.67 bars. The present invention further relates to mixtures of monoalkyl Biphenyl phosphates and dialkyl monophenyl phosphates obtainable from this process and the use of such mixtures as a plasticiser and/or a flame retardant.